

# FAX COVER SHEET

**THE ECLIPSE GROUP**

10605 Balboa Blvd., Suite 300  
Granada Hills, CA 91344  
Phone: (818) 488-8143  
Fax: (818) 332-4205

**RECEIVED**  
**CENTRAL FAX CENTER**  
**AUG 11 2008**

<b>Send to:</b> NGUYEN, Duc M.	<b>From:</b> Mariana Paula Noli
<b>Company:</b> USPTO	<b>Date:</b> August 11, 2008
<b>Fax Number:</b> (571) 273-8300	<b>Phone No.:</b> (818) 488-8143

- ☐ Urgent
- ☐ Reply ASAP
- ☐ Please comment
- ☐ Please review
- ☐ For your information

Total pages, including cover: 27

**Comments:**

Applicant: SiRF Technology, Inc.  
Title: "SERIAL RADIO FREQUENCY TO BASEBAND INTERFACE WITH POWER CONTROL"  
Serial No.: 10/632,051  
Attorney Docket No.: ST02009CIP1 (245-US-CIP1)

Please acknowledge receipt of the following documents:

- 1) Amended Appeal Brief (26 pages).

**CERTIFICATE OF TRANSMISSION**

I hereby certify that this document (along with any papers referenced as being attached or enclosed) is being transmitted to the United States Patent and Trademark Office via facsimile to Fax No (571) 273-8300, on the date set forth above.

Mariana Paula Noli

**RECEIVED**  
**CENTRAL FAX CENTER**  
**AUG 11 2008**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

APPLICANT: Steve Gronemeyer

DOCKET NO.: ST02009CIP1(245-US-CIP1)

SERIAL NO.: 10/632,051

GROUP ART UNIT: 2618

DATE FILED: July 30, 2003

EXAMINER: Nguyen, Duc M.

TITLE: SERIAL RADIO FREQUENCY TO BASEBAND INTERFACE WITH POWER CONTROL

**CERTIFICATE OF TRANSMISSION**

I hereby certify that this correspondence (along with any paper referred to as being attached or enclosed) is being facsimile transmitted to the United States Patent and Trademark Office, Fax No. (571) 273-8300, on August 11, 2008.

  
Mariana Paul Noli

THE ECLIPSE GROUP LLP  
10605 Balboa Blvd., Suite 300  
Granada Hills, CA 91344

August 11, 2008

Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

**AMENDED APPEAL BRIEF**

Applicants now submit this Amended Brief in the above identified matter in response to the notification of Non-Compliant Appeal Brief, mailed on July 11, 2008, with the required material being on pages 7-10. This Amended Brief is also being submitted as required by 37 C.F.R. § 41.37(a) in support of the appeal to the Board of Patent Appeals and Interferences from the final rejections contained in the Final Office action dated August 6, 2007 and Advisory Action that was dated November 13, 2007. Applicants filed the Notice of Appeal on February 6, 2008 along with a "Pre-Appeal Brief Request for Review" and on March 21, 2008 a "Notice of Panel Decision from Pre-Appeal brief Review" was issued indicating that there is at least one actual issue for appeal.

Serial No.: 11/632,051  
Docket No.: ST02009C11 (245-US-CIP1)

## TABLE OF CONTENTS

I.	Real Party in Interest.....	1
II.	Related Appeals and Interferences.....	2
III.	Status of Claims .....	3
IV.	Status of Amendments .....	4
V.	Summary of Claimed Subject Matter .....	5
VI.	Grounds of Rejection to be Reviewed on Appeal.....	11
VII.	Argument .....	12
VIII.	Conclusion .....	15
IX.	Claims - Appendix .....	16
X.	Evidence – Appendix .....	23
XI.	Related Proceedings – Appendix .....	24

Serial No.: 11/632.051  
Docket No.: ST02009CII (245-US-CIP1)

**I. REAL PARTY IN INTEREST**

The real party in interest is SiRF Technologies, Inc., assignee named in that certain Assignment recorded December 23, 2003 at Frame 014818, Reel 0651.

Serial No.: 11/632,051  
Docket No.: ST02009C11 (245-US-CIP1)

## II. RELATED APPEALS AND INTERFERENCES

There are no prior or pending appeals, judicial proceedings or interferences known to the Applicants that may be related to, directly effect or be directly effected by, or have a bearing on the Board of Patent Appeals and Interference's decision in the pending appeal.

Serial No.: 11/632.051  
Docket No.: ST02009C11 (245-US-CIP1)

### III. STATUS OF CLAIMS

This is an Appeal from the August 6, 2007, Final Office Action and Advisory Action of November 13, 2007, in which each of the pending claims 1-33 were rejected. Applicants are appealing the rejection of claims 1-33.

Serial No.: 11/632,051  
Docket No.: ST02009C11 (245-US-CIP1)

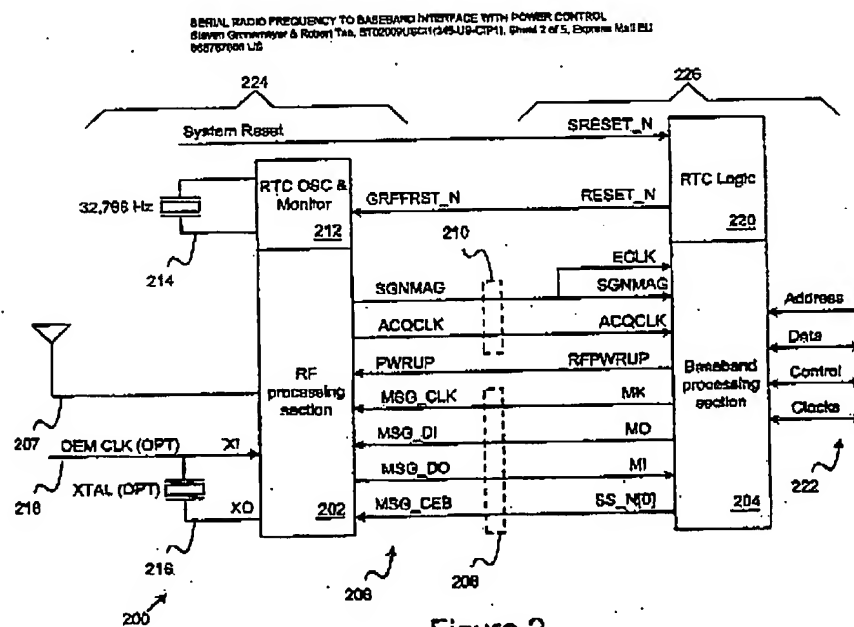
#### IV. STATUS OF AMENDMENTS

No amendments have been filed subsequent to the mailing of the Advisory Action dated November 13, 2007. The Advisory Action indicated that the Final Office Action Response was entered by the Examiner.

Serial No.: 11/632,051  
 Docket No.: ST02009C11 (245-US-CIP1)

## V. SUMMARY OF CLAIMED SUBJECT MATTER

The invention provides radio frequency (RF) power control messaging, as well as related methods of providing RF power control messaging, over an interface between an RF processing section and a baseband processing section. The interface supports general purpose bi-directional message transmission between the RF processing section and the baseband processing section. The interface further supports transmission of satellite positioning system (SPS) signal samples between the two processing sections without adding undue complexity to the interface.



Referring to Figure 2 of the application (shown above), an interface 206 includes a message serial interface 208 and a data serial interface 210. The message serial interface 208 provides for serial communication of general purpose messages bi-



Serial No.: 11/632,051  
Docket No.: ST02009CI1 (245-US-CIP1)

directionally between the RF section 202 and the baseband section 204. In contrast, the ARF section 202 employs the data serial interface 210 to transmit SPS signal samples to the baseband section 204.

The message serial interface 208, as shown in Figure 2, includes the message-in signal line (labeled MSG\_DO/MI), a message-out signal line (Labeled MSG\_DI/MO), a message clock signal line (MSG\_CLK/MK), and a slave select signal line (labeled MSG\_CEB/SS\_N[0]). The labels on the message signal lines indicate the direction of data flow from the perspective of the RF section 202/baseband section 204. For example, the message-out signal line (MSG\_DI/MO) carries message bits input to the RF section 202 and output by the base band section 204.

A power control signal (labeled PWRUP/RFPWRUP) may be provided to control whether certain portions of the RF section 202 are powered-up. The power control signal may be connected, for example, to a voltage regulator enabled pin in the RF section 202 to provide a coarse power-up/power-down control over the majority of the circuitry in the RF section 202. The RTC OSC & Monitor section 212 is separately powered so that it can continue to provide a clock to the baseband section 204. The baseband processing side may include an RTC logic section 220. The TRC logic section 220 accepts the input clock generated by the RTC OSC & Monitor section 212 as an aide in determining the current time as well as SPS location.

Messaging used by the serial interface for controlling the different portions of the RF chip 102 are shown in TABLE 4 on pages 19-21 of Applicants' patent application. TABLE 4 include messages for controlling power to the fractional N synthesizer, PLL and divider chain, first LNA, Oscillator, ACQCLK-Select mux and ACQCLK driver,

Serial No.: 11/632.051  
Docket No.: ST02009C11 (245-US-CIP1)

Front end power for 2<sup>nd</sup> low noise amplifier through A/D converter. Further, separate messages are for testing purposes, such as partition the reception chain in the RF section 202 for testing, specifying the synthesizer charge pump output and test modes, specifies the divider for PLL feedback.

Now turning to the independent claims, claim 1 recites; a radio frequency (RF) to baseband interface (206, FIG. 2; and paragraph [0023]) providing power control over an RF section (202, FIG. 2, and paragraph [0023]) that processes RF signals and that is coupled to a baseband section (204, FIG. 2, and paragraph [0023]) that processes baseband signals, the interface comprising, a bi-directional message interface (208, FIG. 2, and paragraph [0008]) for communicating a power control message (FIG. 2, and paragraph [0036]) from the baseband section (206, FIG. 2, and paragraph [0023]) to the RF section that is associated with power consumption (paragraph [0036]) of the RF section (202 FIG. 2, and [0023]; and a data interface (210, FIG. 2, and paragraph [0028]) for communicating data from the RF section(202, FIG. 2, and paragraph [0023]) to the baseband section (206, FIG. 2 and paragraph [0023]).

Similarly, independent method claim 8 recites; a method for controlling power in a radio frequency (RF) section that processes RF signals and that is coupled to a baseband section (206, FIG. 2 and paragraph [0023]) that processes baseband signals, the method comprising the steps of: setting a power control bit (Tables 9-11 in specification and paragraph [0066]) in a power control message (Tables 9-11 in specification and paragraph [0066]); and communicating the power control message (Tables 9-11 in specification and paragraph [0066]) over a message interface from the baseband section (206, FIG. 2 and paragraph [0023]) to the RF section (202, FIG. 2 and paragraph [0023]).

Serial No.: 11/632,051  
Docket No.: ST02009C11 (245-US-CIP1)

where the power control message is associated with power consumption of the RF section (paragraph [0067]).

Turning to independent claim 14; an RF front end (224, FIG. 2, and paragraph [0024]) for a satellite positioning system receiver (200, FIG. 2, and paragraphs [0022-0023]), the front end comprising: an RF processing section (202, FIG. 2, and paragraph [0025]) comprising an RF input (207, FIG. 2, and paragraph [0025]) for receiving satellite positioning system signals; and an RF to baseband interface (206, FIG. 2 and paragraph [0023]) coupled to the RF processing section (202, FIG. 2, and paragraph [0025]), the interface comprising: a bi-directional message interface (208, FIG. 2, and paragraph [0008]) for communicating messages between the RF processing section (202, FIG. 2, and paragraph [0025]) and a baseband processing section (204, FIG. 2, and paragraph [0025]), including receiving a power control message (Tables 9-11 in specification and paragraph [0066]) from the baseband processing section (204, FIG. 2, and paragraph [0025]) wherein the power control message is associated with power consumption of the RF processing section (paragraph [0067]); and a data interface (210, FIG. 2, and paragraph [0028]) for communicating data from the RF processing section (202, FIG. 2, and paragraph [0025]) to the baseband processing section (204, FIG. 2, and paragraph [0025]).

In independent claim 22, claim; a baseband back end (226, FIG. 2, and paragraph [0024]) for a satellite positioning system receiver (200 FIG. 2, paragraphs [0022-0023], the back end comprising: a baseband processing section (204, FIG. 2, and paragraph [0025]) comprising at least one address, data, and control line for

Serial No.: 11/632,051  
Docket No.: ST02009C11 (245-US-C1P1)

communicating with a digital device (222, FIG. 2, and paragraph [0024]); and an RF to baseband interface (206, FIG. 2 and paragraph [0023]) coupled to the baseband processing section (204, FIG. 2, and paragraph [0025]), the interface comprising: a bi-directional message interface (208, FIG. 2, and paragraph [0008]) for communicating messages between an RF processing section (202, FIG. 2, and paragraph [0025]) and the baseband processing section (204, FIG. 2, and paragraph [0025]), including communicating a power control message (Tables 9-11 in specification and paragraph [0066]) to the RF processing section (202, FIG. 2, and paragraph [0025]) where the power control message (Tables 9-11 in specification and paragraph [0066]) is associated with power consumption of the RF processing section (paragraph [0067]); and a data serial interface (210, FIG. 2, and paragraph [0028]) for communicating data from the RF processing section (202, FIG. 2, and paragraph [0025]) to the baseband processing section (204, FIG. 2, and paragraph [0025]).

Turning to the final independent claim, claim 28 recites; a satellite positioning system receiver (paragraphs [0022-0023] comprising: an RF front end (224, FIG. 2, and paragraph [0024]) comprising an RF processing section (202, FIG. 2, and paragraph [0025]) and an RF input (207, FIG. 2, and paragraph [0025]) for receiving satellite positioning system signals; a baseband back end (226, FIG. 2, and paragraph [0024]) comprising a baseband processing section (204, FIG. 2, and paragraph [0025]) and at least one address, data, and control line for communicating with a digital device (222, FIG. 2, and paragraph [0024]); and an RF to baseband interface (206, FIG. 2 and paragraph [0023]) coupled between the RF processing section (202, FIG. 2, and paragraph [0025]) and the baseband processing section (204, FIG. 2, and paragraph

Serial No.: 11/632,051  
Docket No.: ST02009C11 (245-US-CIP1)

[0025]), the interface comprising: a bi-directional message interface (208, FIG. 2, and paragraph [2008]) for communicating messages between the RF processing section (202, FIG. 2, and paragraph [0025]) and the baseband processing section (204, FIG. 2, and paragraph [0025]), including communicating a power control message (Tables 9-11 in specification and paragraph [0066]) to the RF processing section (202, FIG. 2, and paragraph [0025]) where the power control message (Tables 9-11 in specification and paragraph [0066]) is associated with power consumption (paragraph [0067]) of the RF processing section (202, FIG. 2, and paragraph [0025]); and a data interface (210, FIG. 2, and paragraph [0028]) for communicating data from the RF processing section (202, FIG. 2, and paragraph [0025]) to the baseband processing section (204, FIG. 2, and paragraph [0025]).

Serial No.: 11/632,051  
Docket No.: ST02009C11 (245-US-CIP1)

**VI. GROUNDS OF REJECTION TO BE REVIEWED ON APPEAL.**

Whether claims 1-13 are unpatentable under 35 U.S.C. §103(a) over Kerth et al. (US 2002/0132648) in view of Molnar (US 2002/0142741) and whether claims 14-33 are unpatentable under 35 U.S.C. §103(a) over Kerth et al. (US 2002/0132648) in view of Molnar (US 2002/0142741) and further in view of Syrjarinne et al. (US 2002/0107514).

Serial No.: 11/632,051  
Docket No.: ST02009C11 (245-US-CIP1)

## VII. ARGUMENT

Independent claims 1, 8, 14, 22, and 28 as currently presented, include the limitation of “a bi-directional message interface for communicating a power control message from the baseband section to the RF section that is associated with power consumption of the RF section.” As noted in Applicants’ Response filed October 9<sup>th</sup>, 2007, “the Kerth application states in paragraph [0096] that ‘as noted above, the transceiver disables the transmitter circuitry during the receive mode of operation.’ There is no mention or suggestion of power consumption in the Kerth application. More importantly, [the] Kerth application is not suggesting or teaching powering down the transmitter circuitry, but rather DISABLING the transmitter circuitry. Thus, one skilled in the art would not look to DISABLING the transmitter as being associated with power consumption. If anything, a person skilled in the art may look at the transceiver of the Kerth application as reusing some of the circuits for both transmitting and receiving while other circuits are disabled.” (see Final Office Response dated October 9<sup>th</sup>, 2007, page 9, lines 14-21). Further, the term “power control” does not even appear in the Kerth application.

In response to Applicants’ argument, the Examiner erroneously refers to the Kerth application as disclosing power control and states that “the Applicant[s] fails to provide reason or does not explain clearly why disabling the transmitter circuitry is NOT associated with power consumption. In fact, the Examiner asserts that disabling the transmitter circuitry is clearly associated with power consumption and would [be] equivalent to power down the transmitter circuitry...” (see page 2, Advisory Action mailed November 13, 2007, last paragraph).

Serial No.: 11/632,051  
Docket No.: ST02009CH1 (245-US-CIP1)

The Examiner is reading "power control" into the Kerth application that is directed towards "reducing interference effects between the receiver analog circuitry and the receiver digital circuitry", (see abstract of the Kerth application). There is no suggestion that the circuit is powered-down, only disabled. This is shown in the Kerth application when a signal line is called a power-down (PBNB) signal in paragraph [0093] and defined to "configure the functionality of the interface signal lines... rather than using the PDNB signal, one may [use] other signals to control the configuration of the interface signal lines." There is just no explicit or even implicit teaching that the PDNB signal is being used to actually power down, or control the powering down of anything in the RF section.

Further, the Kerth application describes in paragraph [0094] that "[i]n the power-down or serial interface mode...the transceiver may also perform circuit calibration and adjustment procedures, as desired. For example, the values of various transceiver components may vary over time or among transceivers produced in different manufacturing batches. The transceiver may calibrate and adjust its circuitry to take those variations into account and provide higher performance." As explained in the Kerth application, the transceivers are not being powered down by the PDNB signal; rather they are switched out of the data path allowing calibration and adjustments to them.

The PDNB signal is also a unidirectional signal as taught in the Kerth application. Using claim 1 as an example, a "bi-directional message interface" is required. Since the PDNB signal is unidirectional it can not be equated with the bi-directional message interface element of the claims.



Serial No.: 11/632.051  
Docket No.: ST02009C11 (245-US-CIP1)

In summary, the Kerth application does not mention power control and nothing is powered down because Kerth describes the PDNB signal as a control signal to configure the functionality of the interface signal lines.

Therefore, if power control is not describe or taught by the Kerth application and it is not found in the Molnar application (which was not cited for power control), then the combination of the references fails to describe or teach all of Applicants' claim elements as currently presented and claims 1-13 are in condition for allowance.

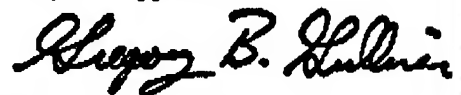
The Syrjarine application was not cited by the Examiner for power control either. So, the combination of the Kerth application in view of the Molnar application and in further view of the Syrjarine application, also fails to describe or teach all of Applicants' claim elements.

Serial No.: 11/632,051  
Docket No.: ST02009CT1 (245-US-CIP1)

### VIII. CONCLUSION

For the reasons stated above, Applicants respectfully submit that claims 1-33 as presented are in condition for allowance because not all claim elements are taught or described in the combined references, there is no likelihood of success in combining the elements to achieve the claimed invention, and there is no suggestion to combine the references when the resulting device would be missing claim elements.

Respectfully submitted by  
Attorney for Applicants



GREGORY B. GULLIVER  
Reg. No. 44,138  
Phone: (847) 282-3551  
Fax: (949) 608-3645

**The Eclipse Group LLP**  
10605 Balboa Blvd., Suite 300  
Granada Hills, CA 91344

Serial No.: 11/632.051  
Docket No.: ST02009C11 (245-US-CIP1)

#### IX. CLAIMS - APPENDIX

1. (Previously presented) A radio frequency (RF) to baseband interface providing power control over an RF section that processes RF signals and that is coupled to a baseband section that processes baseband signals. the interface comprising:
  - a bi-directional message interface for communicating a power control message from the baseband section to the RF section that is associated with power consumption of the RF section; and
  - a data interface for communicating data from the RF section to the baseband section.
2. (Original) The interface of claim 1, where the power control message comprises a power control bit specifying a power state for pre-selected circuitry in the RF section.
3. (Original) The interface of claim 2, where the power state is one of a power-up state and a power-down state.
4. (Original) The interface of claim 1, where the power control message comprises a plurality of power control bits individually specifying power states for a plurality of pre-selected circuitry in the RF section.
5. (Original) The interface of claim 2, where the pre-selected circuitry is at least one of a frequency divider, oscillator, and amplifier.
6. (Original) The interface of claim 1, where the message interface is a serial message interface.
7. (Original) The interface of claim 1, where the message interface comprises a message-in signal line, a message-out signal line and a message clock signal line.

Serial No.: 11/632.051  
Docket No.: STD2009C11 (245-US-CIP1)

8. (Previously presented) A method for controlling power in a radio frequency (RF) section that processes RF signals and that is coupled to a baseband section that processes baseband signals, the method comprising the steps of:

setting a power control bit in a power control message; and

communicating the power control message over a message interface from the baseband section to the RF section where the power control message is associated with power consumption of the RF section.

9. (Original) The method of claim 8, wherein the step of communicating comprises the step of serially communicating the power control message.

10. (Original) The method of claim 8, wherein the step of communicating comprises the step of serially communicating the power control message using a message-in signal line, a message-out signal line and a message clock signal line.

11. (Original) The method of claim 8, where the power control bit specifies a power state for pre-selected circuitry in the RF section.

12. (Original) The method of claim 11, where the power state is one of a power-up state and a power-down state.

13. (Original) The method of claim 8, where the step of setting comprises the step of setting a plurality of power control bits individually specifying power states for a plurality of pre-selected circuitry in the RF section.

14. (Previously presented) An RF front end for a satellite positioning system receiver, the front end comprising:

an RF processing section comprising an RF input for receiving satellite positioning system signals; and

Serial No.: 11/632,051  
Docket No.: ST02009CI1 (245-US-CIP1)

an RF to baseband interface coupled to the RF processing section, the interface comprising:

a bi-directional message interface for communicating messages between the RF processing section and a baseband processing section, including receiving a power control message from the baseband processing section wherein the power control message is associated with power consumption of the RF processing section; and

a data interface for communicating data from the RF processing section to the baseband processing section.

15. (Original) The RF front end of claim 14, wherein the message interface comprises:

a message clock line;

a message-in signal line and

a message-out signal line; and

wherein the message-out signal line carries an output bit stream representing the power control message.

16. (Original) The RF front end of claim 15, where the power control message comprises a power control bit specifying a power state for pre-selected circuitry in the RF section.

17. (Original) The RF front end of claim 16, where the power state is one of a power-up state and a power-down state.

18. (Original) The RF front end of claim 15, where the power control message comprises a plurality of power control bits individually specifying power states for a plurality of pre-selected circuitry in the RF section.

Serial No.: 11/632,051  
Docket No.: ST02009CII (245-US-CIP1)

19. (Original) The RF front end of claim 15, where the pre-selected circuitry is at least one of a frequency divider, oscillator, and amplifier.

20. (Original) The RF front end of claim 15, where the data interface comprises a data clock signal line and a data bit signal line.

21. (Original) The RF front end of claim 20, where:

the data clock signal line carries a data clock comprising a rising edge and a falling edge;

the data bit signal line carries a data signal comprising a sign bit and a magnitude bit; and

the first data bit is valid on the rising edge of the data clock and the second data bit is valid on the falling edge of the data clock.

22. (Previously presented) A baseband back end for a satellite positioning system receiver, the back end comprising:

a baseband processing section comprising at least one address, data, and control line for communicating with a digital device; and

an RF to baseband interface coupled to the baseband processing section, the interface comprising:

a bi-directional message interface for communicating messages between an RF processing section and the baseband processing section, including communicating a power control message to the RF processing section where the power control message is associated with power consumption of the RF processing section; and

a data serial interface for communicating data from the RF processing section to the baseband processing section.

Serial No.: 11/632,051

Docket No.: ST02009C11 (245-US-CIP1)

23. (Original) The baseband back end of claim 22, wherein the message serial interface comprises:

a message clock line;

a message-in signal line and

a message-out signal line; and

wherein the message-out signal line carries an output bit stream representing the power control message.

24. (Original) The baseband back end of claim 22, where the power control message comprises a power control bit specifying a power state for pre-selected circuitry in the RF processing section.

25. (Original) The baseband back end of claim 24, where the power state is one of a power-up state and a power-down state.

26. (Original) The baseband back end of claim 22, where the power control message comprises a plurality of power control bits individually specifying power states for a plurality of pre-selected circuitry in the RF section.

27. (Original) The baseband back end of claim 26, where the pre-selected circuitry is at least one of a frequency divider, oscillator, and amplifier.

28. (Previously presented) A satellite positioning system receiver comprising:  
an RF front end comprising an RF processing section and an RF input for receiving satellite positioning system signals;

a baseband back end comprising a baseband processing section and at least one address, data, and control line for communicating with a digital device; and

Serial No.: 11/632,051  
Docket No.: ST02009C11 (245-US-CIP1)

an RF to baseband interface coupled between the RF processing section and the baseband processing section, the interface comprising:

a bi-directional message interface for communicating messages between the RF processing section and the baseband processing section, including communicating a power control message to the RF processing section where the power control message is associated with power consumption of the RF processing section; and

a data interface for communicating data from the RF processing section to the baseband processing section.

29. (Original) The satellite positioning system receiver of claim 28, wherein the message interface comprises:

a message clock line;

a message-in signal line and

a message-out signal line; and

wherein the message-out signal line carries an output bit stream representing the power control message.

30. (Original) The satellite positioning system receiver of claim 29, where the power control message comprises a power control bit specifying a power state for pre-selected circuitry in the RF processing section.

31. (Original) The satellite positioning system receiver of claim 30, where the power state is one of a power-up state and a power-down state.

32. (Original) The satellite positioning system receiver of claim 29, where the power control message comprises a plurality of power control bits individually specifying power states for a plurality of pre-selected circuitry in the RF section.



Serial No.: 11/632.051  
Docket No.: ST02009CII (245-US-CIP1)

33. (Original) The satellite positioning system receiver of claim 32, where the pre-selected circuitry is at least one of a frequency divider, oscillator, and amplifier.

Serial No.: 11/632,051  
Docket No.: ST02009C11 (245-US-CIP1)

**X. EVIDENCE – APPENDIX**

No Evidence Appendix is included.

Serial No.: 11/632,051  
Docket No.: ST02009C11 (245-US-CIP1)

**XI. RELATED PROCEEDINGS – APPENDIX**  
None.